

# BACKFILE DOCUMENT INDEX SHEET

<b>IMIS</b>	Internal Misc. Paper
<b>LET.</b>	Misc. Incoming Letter
<b>371P</b>	PCT Papers in a 371 Application
<b>A...</b>	Amendment Including Elections
<b>ABST</b>	Abstract
<b>ADS</b>	Application Data Sheet
<b>AF/D</b>	Affidavit or Exhibit Received
<b>APPENDIX</b>	Appendix
<b>ARTIFACT</b>	Artifact
<b>BIB</b>	Bib Data Sheet
<b>CLM</b>	Claim
<b>COMPUTER</b>	Computer Program Listing
<b>CRFL</b>	All CRF Papers for Backfile
<b>DIST</b>	Terminal Disclaimer Filed
<b>DRW</b>	Drawings
<b>FOR</b>	Foreign Reference
<b>FRPR</b>	Foreign Priority Papers
<b>IDS</b>	IDS Including 1449

**Internal**

18/10/02 SRNT 24  
 Examiner Search Notes  
**CLMPTO**  
 PTO Prepared Complete Claim Set

6/26/03

<b>NPL</b>	Non-Patent Literature	<b>CTNF</b>	Count Non-Final
<b>OATH</b>	Oath or Declaration	<b>CTRS</b>	Count Restriction
<b>PET.</b>	Petition	<b>EXIN</b>	Examiner Interview
<b>RETRAIL</b>	Mail Returned by USPS	<b>M903</b>	DO/EO Acceptance
<b>SEQLIST</b>	Sequence Listing	<b>M905</b>	DO/EO Missing Requirement
<b>SPEC</b>	Specification	<b>NFDR</b>	Formal Drawing Required
<b>SPEC NO</b>	Specification Not in English	<b>NOA</b>	Notice of Allowance
<b>TRNA</b>	Transmittal New Application	<b>PETDEC</b>	Petition Decision

**OUTGOING**

<b>CTMS</b>	Misc. Office Action
<b>1449</b>	Signed 1449
<b>892</b>	892
<b>ABN</b>	Abandonment
<b>APDEC</b>	Board of Appeals Decision
<b>APEA</b>	Examiner Answer
<b>CTAV</b>	Count Advisory Action
<b>CTEQ</b>	Count Ex parte Quayle
<b>CTFR</b>	Count Final Rejection

**INCOMING**

<b>AP.B</b>	Appeal Brief
<b>C.AD</b>	Change of Address
<b>N/AP</b>	Notice of Appeal
<b>PA..</b>	Change in Power of Attorney
<b>REM</b>	Applicant Remarks in Amendment
<b>XT/</b>	Extension of Time filed separate

**File Wrapper**

<b>FWCLM</b>	File Wrapper Claim
<b>IIFW</b>	File Wrapper Issue Information
<b>SRFW</b>	File Wrapper Search Info

<b>ECBOX</b>	Evidence Copy Box Identification
<b>WCLM</b>	Claim Worksheet
<b>WFEE</b>	Fee Worksheet

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NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 4 Apr 09 ZDB will be removed from STN  
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
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NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
          saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
          now available on STN  
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS  
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
  
NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,  
                  CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
                  AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002  
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=> ....Testing the current file screen

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=>  
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L1 STRUCTURE UPLOADED

=> que L1

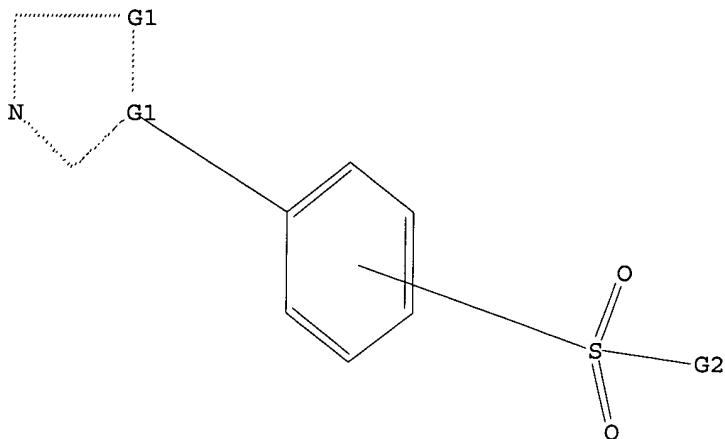
T-2 QUE T-1

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L2 HAS NO ANSWERS

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G1 C, N

G2 Ak,N

Structure attributes must be viewed using STN Express query preparation.  
L2                QUE ABB=ON PLU=ON L1

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FULL SEARCH INITIATED 15:16:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 55960 TO ITERATE
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100.0% PROCESSED 55960 ITERATIONS 1176 ANSWERS  
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L3 1176 SEA SSS FUL L1

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=> s l3  
L4            199 L3

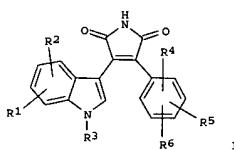
=> s l3 and imidazole  
              199 L3  
              42427 IMIDAZOLE  
              7435 IMIDAZOLES  
              44574 IMIDAZOLE  
              (IMIDAZOLE OR IMIDAZOLES)  
L5            56 L3 AND IMIDAZOLE

=> d l5 ibib abs hitstr tot

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L5 ANSWER 1 OF 56 CAPLUS COPYRIGHT 2002 ACS  
 ACCESSION NUMBER: 2002-107338 CAPLUS  
 DOCUMENT NUMBER: 136:167378  
 TITLE: Preparation of  
 3-indolyl-4-phenyl-1H-pyrrole-2,5-dione  
 derivatives as inhibitors of glycogen synthase  
 kinase-3-beta for therapeutic agents  
 INVENTOR(S): Gong, Leyi; Gruppe, Andrew; Peltz, Gary Allen  
 PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.  
 SOURCE: PCT Int. Appl., 105 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002010158	A2	20020207	WO 2001-EP8293	20010718
WO 2002010158	A3	20020516		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG US 2002052397 A1 20020502 US 2001-916706 20010727 PRIORITY APPLN. INFO.: US 2000-221058P P 20000727 OTHER SOURCE(S): MARPAT 136:167378 GI				



AB The title compds. [I; R1, R2 = H, alkyl, halogen, haloalkyl, alkylthio, HO, alkoxy, cyano, nitro, amino, acylamino, monoalkylamino, or dialkylamino; R3 represents hydrogen, alkyl, cycloalkyl, heteroalkyl, CHO, alkylcarbonyl, or (un)substituted phenyl; R4, R5 = H, alkyl, halogen, haloalkyl, alkylthio, hydroxy, alkoxy, cyano, nitro, amino, acylamino,

L5 ANSWER 1 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
 monalkylamino, or dialkylamino; R6 = heteroalkyl, heterocyclyl, heterocyclyl-substituted cycloalkyl, heterosubstituted cycloalkyl, OR8, -S(O)nR8 (wherein n = an integer from 0 to 2, and R8 is heteroalkyl, heteroaralkyl, heterocyclyl, or heterocyclylalkyl), NR9R10 (wherein R9 = hydrogen, alkyl; R10 = heterosubstituted cycloalkyl, heteroalkyl, heteroaralkyl, heterocyclyl, or heterocyclylalkyl), or -X-(alkylene)-Y-Z (wherein X = a covalent bond, O, NH, or S(O)n; where n = an integer from 0

to 2; Y = O, NH, or S and Z = heteroalkyl or SiR1(R12)(R13) (where R11, R12, R13 are independently hydrogen or alkyl), or R6 together with adjacent R4 forms a methylenedioxy or ethylenedioxy group] or pharmaceutically acceptable salts thereof are prep'd. Owing to the inhibitory activity against glycogen synthase kinase-3-beta.

(GSK-3-beta). These compds. may be used for the treatment of GSK-3-beta mediated diseases. More specifically, they are used for the treatment of GSK-3-beta mediated diseases selected from Alzheimer's disease, obesity, diabetes, atherosclerotic cardiovascular disease, polycystic ovary syndrome, syndrome X, ischemia, traumatic brain injury, bipolar disorder, immunodeficiency, cancer, allergy, and asthma in a mammal. The present inhibitor of GSK-3-beta is also used for the treatment of a disease characterized by an excess of CD4+Th2 cytokines, which is asthma, allergy or allergic rhinitis or for the treatment of a disease characterized by

excess IgE prodn., which is asthma, allergy or allergic rhinitis. The GSK-3-beta inhibitor is preferably at least 10 fold more selective for GSK-3-beta, relative to PKC. Thus, Mitsunobu reaction of Me 3-hydroxyphenylacetate with 2-chloroethanol using Ph3P and diisopropyl azodicarboxylate in THF at room temp. overnight gave Me 3-(2-chloroethoxy)phenylacetate which was saponified with aq. LiOH and treated with AcCl to give 3-(2-chloroethoxy)phenylacetic acid (II) which was converted into 3-[(1-methylindol-3-yl)-4-[3-(2-aminoethoxy)-phenyl]-1H-pyrrole-2,5-dione (III)] in 4 steps. III in vitro showed IC50 of 0.02 μM against GSK-3-beta..

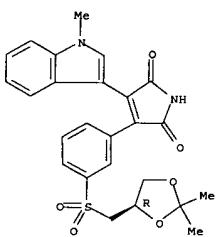
IT 396091-25-1P 396091-28-4P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIO (Biological study); PREP (Preparation); USES (Uses)

(prepn. of (indolylphenyl)-1H-pyrrole-2,5-dione derivs. as inhibitors of glycogen synthase kinase-3-beta. for therapeutic agents)

RN 396091-25-1 CAPLUS  
 CN 1H-Pyrrole-2,5-dione, 3-[3-[(4R)-2,2-dimethyl-1,3-dioxolan-4-ylmethyl]sulfonyl]phenyl]-4-(1-methyl-1H-indol-3-yl)- (9CI) (CA INDEX NAME)

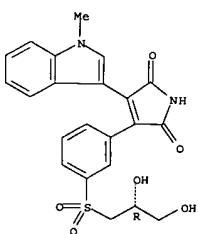
Absolute stereochemistry.

L5 ANSWER 1 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 396091-28-4 CAPLUS  
 CN 1H-Pyrrole-2,5-dione, 3-[3-[(2R)-2,3-dihydroxypropyl]sulfonyl]phenyl]-4-(1-methyl-1H-indol-3-yl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001-816659 CAPLUS  
 DOCUMENT NUMBER: 135:357924  
 TITLE: Novel heterocyclic compounds, namely imidazole sulfones and analogs, with anti-inflammatory

activity, their preparation, and their therapeutic use as cyclooxygenase 2 inhibitors

INVENTOR(S): Almansa Rosales, Carmen; Gonzalez Gonzalez, Concepcion; Torren Barreda, M. Carmen

PATENT ASSIGNEE(S): J. Uriach & Cia S.A. Spain

SOURCE: PCT Int. Appl., 72 pp.

CODEN: PIXXD2

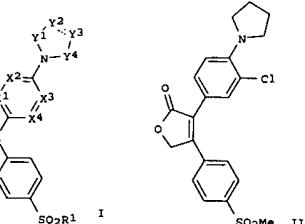
DOCUMENT TYPE: Patent

LANGUAGE: Spanish

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001083475	A1	20011108	WO 2001-ES1512	20010423
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG ES 2166710 A1 20020416 ES 2000-1138 20000425 PRIORITY APPLN. INFO.: ES 2000-1138 A 20000425 OTHER SOURCE(S): MARPAT 135:357924 GI				

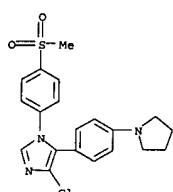


AB The invention relates to novel heterocyclic compds. of formula I, and to their salts, solvates, and prodrugs [wherein A = 5-membered unsatd. or

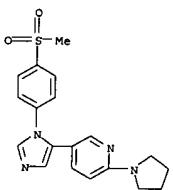
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L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
 partially unsatd. ring with 1-3 optional heteroatoms (N/O/S), optional substituent(s) R<sub>2</sub>, and adjacent aryl groups; R<sub>1</sub> = Cl-8 (halo)alkyl,  
 NR3R4  
 R<sub>2</sub> = Cl-4 (halo)alkyl, halo, oxo, cyano, NO<sub>2</sub>, CHO, COCH<sub>3</sub>, CO<sub>2</sub>R<sub>3</sub>; R<sub>3</sub> = H, Cl-8 alkyl, aryl, arylalkyl; R<sub>4</sub> = H, Cl-8 alkyl, arylalkyl, COR<sub>5</sub>, CO<sub>2</sub>R<sub>5</sub>; R<sub>5</sub> = Cl-8 (halo)alkyl; all X's = CR<sub>6</sub>; or 1-3 X's = N and the remainder = ORE; R<sub>6</sub> = H, halo, Cl-3 alkyl or alkoxy; dashed bond = optional pi bond; Y<sub>1</sub>, Y<sub>2</sub> = CR<sub>7</sub>R<sub>8</sub>; CO; Y<sub>2</sub> and Y<sub>3</sub> = CR<sub>9</sub> when doubly bonded, or CR<sub>8</sub>R<sub>9</sub> when singly bonded; Y<sub>2</sub> can be CO if Y<sub>1</sub> is not; Y<sub>3</sub> can be CO if Y<sub>4</sub> is not; Y<sub>3</sub> can be NR<sub>9</sub>, O, or S if Y<sub>4</sub> is CO; R<sub>7</sub> = H, Me, Et; R<sub>8</sub> = H, Me, Et, OH, OMe, or halo; R<sub>9</sub> = H or Cl-4 alkyl; aryl = Ph or naphthyl optionally substituted by Cl-8 (halo)alkyl, halo, cyano, NO<sub>2</sub>, OR<sub>10</sub>, alkyl-OR<sub>10</sub>, SR<sub>10</sub>, alkyl-SR<sub>10</sub>, NR<sub>10</sub>R<sub>11</sub>, NR<sub>10</sub>COR<sub>11</sub>, COR<sub>10</sub>, CO<sub>2</sub>R<sub>10</sub>; R<sub>10</sub> = H, Cl-8 alkyl, CH<sub>2</sub>Ph.  
 R<sub>11</sub> = Cl-8 (halo)alkyl. The compds. are selective inhibitors of cyclooxygenase 2 (COX-2), useful as anti-inflammatory agents. Nineteen examples and 8 ref. examples are given. For instance, 1-(4-methylsulfonylphenyl)ethanone underwent alpha..bromination, cyclocondensation with 4-nitrophenoxyacetic acid (60%), and hydrogenation at nitro (95%) to give 3-(4-aminophenoxy)-4-(4-methylsulfonylphenyl)-5H-furan-2-one. This intermediate underwent cyclization with 1,4-dibromobutane at the amino group (27%) and adjacent ring chlorination (73%) to give title compd. II. In tests for inhibition of COX-1 and COX-2 activity in human cell lines, II at 0.1 .mu.M gave 93% inhibition of COX-2 but did not appreciably inhibit COX-1 (0%).  
 IT 372107-26-1P, 4-Chloro-1-(4-methylsulfonylphenyl)-5-[4-(1-pyrrolidinyl)phenyl]imidazole 372107-46-5P, 1-(4-Methylsulfonylphenyl)-5-[6-(1-pyrrolidinyl)-3-pyridyl]imidazole  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (drug candidate; prepn. of imidazole sulfones and analogs as cyclooxygenase 2 inhibitors and antiinflammatories)  
 RN 372107-26-1 CAPLUS  
 CN 1H-Imidazole, 4-chloro-1-[4-(methylsulfonyl)phenyl]-5-[4-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)

L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

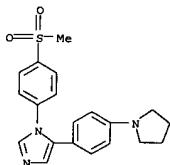


RN 372107-46-5 CAPLUS  
 CN Pyridine, 5-[1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]-2-(1-pyrrolidinyl)- (9CI) (CA INDEX NAME)

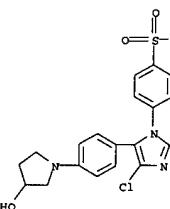


IT 372107-27-2P, 1-(4-Methylsulfonylphenyl)-5-[4-(1-pyrrolidinyl)phenyl]imidazole 372107-28-3P, 4-Chloro-5-[4-(2-methylsulfonylphenyl)imidazole 372107-29-4P, 4-Chloro-5-[4-(2-methylsulfonylphenyl)imidazole 372107-31-8P, 4-(4-Chloro-5-[4-(1-pyrrolidinyl)phenyl]imidazol-1-yl)benzenesulfonamide 372107-33-0P, 4-Chloro-5-[3-chloro-4-(1-pyrrolidinyl)phenyl]-1-(4-methylsulfonylphenyl)imidazole 372107-35-2P, 4-Chloro-1-(4-methylsulfonylphenyl)-5-[4-(2,5-dioxopyrrolidin-1-yl)phenyl]imidazole 372107-37-4P, 4-Chloro-5-[4-(3-hydroxypyrrolidin-1-yl)phenyl]-1-(4-methylsulfonylphenyl)imidazole 372107-39-6P, 4-Chloro-1-(4-methylsulfonylphenyl)-5-[4-(2-oxooxazolidin-3-yl)phenyl]imidazole 372107-43-2P, 4-Chloro-1-(4-methylsulfonylphenyl)-5-[4-(2-oxopyrrolidin-1-yl)phenyl]imidazole 372107-47-6P, 4-Chloro-1-(4-methylsulfonylphenyl)-5-[6-(1-pyrrolidinyl)-3-pyridyl]imidazole

L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (drug candidate; prepn. of imidazole sulfones and analogs as cyclooxygenase 2 inhibitors and antiinflammatories)  
 RN 372107-27-2 CAPLUS  
 CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-5-[4-(1-pyrrolidinyl)phenyl]- (9CI) (CA INDEX NAME)

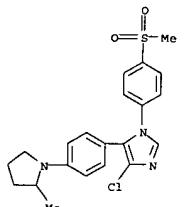


RN 372107-28-3 CAPLUS  
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 1-[4-(4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl)phenyl]- (9CI) (CA INDEX NAME)

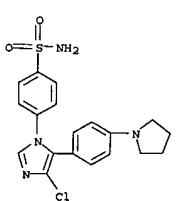


RN 372107-29-4 CAPLUS  
 CN 1H-Imidazole, 4-chloro-5-[4-(2-methyl-1-pyrrolidinyl)phenyl]-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



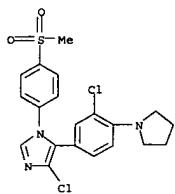
RN 372107-31-8 CAPLUS  
 CN Benzene sulfonamide,  
 4-[4-chloro-5-[4-(1-pyrrolidinyl)phenyl]-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



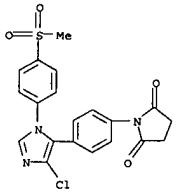
RN 372107-33-0 CAPLUS  
 CN 1H-Imidazole, 4-chloro-5-[3-chloro-4-(1-pyrrolidinyl)phenyl]-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

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L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

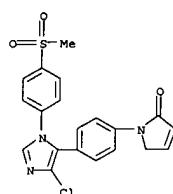


RN 372107-35-2 CAPLUS  
CN 2,5-Pyrrolidinedione, 1-[4-(4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl)phenyl]- (9CI) (CA INDEX NAME)

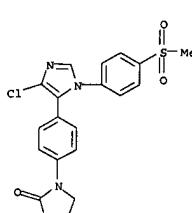


RN 372107-37-4 CAPLUS  
CN 2H-Pyrrrol-2-one,  
1-[4-(4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl)phenyl]-1,5-dihydro- (9CI) (CA INDEX NAME)

L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

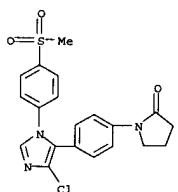


RN 372107-39-6 CAPLUS  
CN 2-Oxazolidinone,  
3-[4-(4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl)phenyl]- (9CI) (CA INDEX NAME)

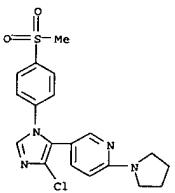


RN 372107-43-2 CAPLUS  
CN 2-Pyrrolidinone,  
1-[4-(4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl)phenyl]- (9CI) (CA INDEX NAME)

L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



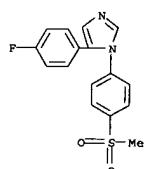
RN 372107-47-6 CAPLUS  
CN Pyridine, 2-chloro-5-[1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)



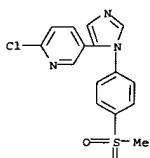
IT 265113-46-0P, 5-(4-Fluorophenyl)-1-(4-methylsulfonylphenyl)-1H-imidazole 265113-63-1P, 5-(6-Chloro-3-pyridyl)-1-(4-methylsulfonylphenyl)-1H-imidazole 265113-70-0P, 1-(4-Methylsulfonylphenyl)-5-(4-nitrophenyl)-1H-imidazole 265113-76-6P, 4-Chloro-5-(4-fluorophenyl)-1-(4-methylsulfonylphenyl)-1H-imidazole 265113-99-3P, 4-Chloro-1-(4-methylsulfonylphenyl)-5-(4-nitrophenyl)-1H-imidazole 265114-13-4P, 4-Chloro-5-(4-fluorophenyl)-1H-imidazole 265114-29-2P, 5-(4-Aminophenyl)-4-chloro-1-(4-methylsulfonylphenyl)-1H-imidazole 372107-41-0P, 4-Chloro-5-[4-(2-chloroethoxy carbonylaminophenyl)-1-(4-methylsulfonylphenyl)]imidazole  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(intermediate; prep. of imidazole sulfones and analogs as cyclooxygenase 2 inhibitors and antinflammatories)

RN 265113-46-0 CAPLUS  
CN 1H-Imidazole, 5-(4-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

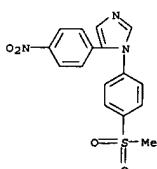
L5 ANSWER 2 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 265113-63-1 CAPLUS  
CN Pyridine, 2-chloro-5-[1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]- (9CI) (CA INDEX NAME)

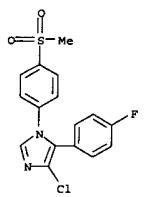


RN 265113-70-0 CAPLUS  
CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-5-(4-nitrophenyl)- (9CI) (CA INDEX NAME)

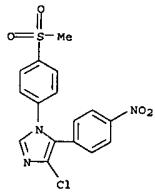


RN 265113-76-6 CAPLUS  
CN 1H-Imidazole, 4-chloro-5-(4-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

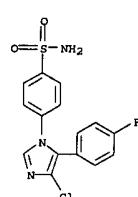
Kamal Saeed



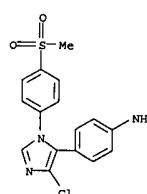
RN 265113-99-3 CAPLUS  
CN 1H-Imidazole, 4-chloro-1-[4-(methylsulfonyl)phenyl]-5-(4-nitrophenyl)-  
(9CI) (CA INDEX NAME)



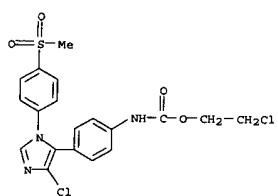
RN 265114-13-4 CAPLUS  
CN Benzenesulfonamide, 4-[4-chloro-5-(4-fluorophenyl)-1H-imidazol-1-yl]-  
(9CI) (CA INDEX NAME)



RN 265114-29-2 CAPLUS  
CN Benzenamine, 4-[4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]-  
(9CI) (CA INDEX NAME)



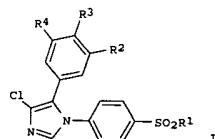
RN 372107-41-0 CAPLUS  
CN Carbamic acid, [4-[4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-  
yl]phenyl]-, 2-chloroethyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: THIS FORMAT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR RECORD. ALL CITATIONS AVAILABLE IN THE RE

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2001:713322 CAPLUS  
DOCUMENT NUMBER: 135:257245  
TITLE: Preparation of novel imidazole derivatives having antiinflammatory activity  
INVENTOR(S): Almanza Rosales, Carmen; Gonzalez Gonzalez, Concepcion; Torres Barreda, Maria Carmen  
PATENT ASSIGNEE(S): J. Uriach & Cia S.A., Spain  
SOURCE: PCT Int. Appl., 43 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: Spanish  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

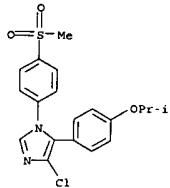
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001070704	A1	20010927	WO 2001-ES114	20010323
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
ES 2159489	A1	20011001	ES 2000-707	20000323
ES 2159489	B1	20020416		
PRIORITY APPLN. INFO.: GI				ES 2000-707 A 20000323



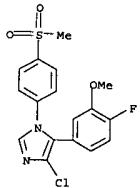
AB Imidazole derivs. I (R1 = Me, NH2; R2 = H, MeO, F, Cl; R3 = H, MeO or R2R3 = OCH2O for R1 = Me, R4 = H) were prep'd. for use as antiinflammatory agents. Compds. of the invention are selective COX-2 inhibitors. Thus, 4-chloro-5-(3,4-(methylenedioxy)phenyl)-1-[4-(methylsulfonyl)phenyl]imidazole was prep'd. by condensation of 4-(methylsulfonyl)aniline with 3,4-(methylenedioxy)benzaldehyde, cyclization reaction with tosylmethyl isocyanide, and chlorination and showed 98% inhibition of COX-2 and 1% inhibition of COX-2 at 0.1 .mu.M. IT 361486-03-5P 361486-04-6P 361486-05-7P 361486-06-8P 361486-07-9P 361486-08-0P 361486-09-1P 361486-10-4P 361486-11-5P

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L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
 361486-12-6P 361486-13-7P 361486-14-8P  
 361486-15-9P 361486-16-0P 361486-17-1P  
 361486-18-2P 361486-19-3P  
 RL: BAC (Biological activity or effector, except adverse); BSU  
 (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use);  
 BIOI (Biological study); PREP (Preparation); USES (Uses)  
 (prep. of imidazole derivs. having antiinflammatory  
 activity)  
 RN 361486-03-5 CAPLUS  
 CN 1H-Imidazole, 4-chloro-5-[4-(1-methylethoxy)phenyl]-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

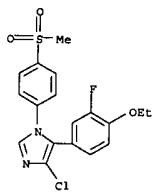


RN 361486-04-6 CAPLUS  
 CN 1H-Imidazole, 4-chloro-5-(4-fluoro-3-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

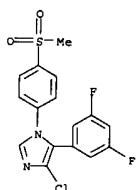


RN 361486-05-7 CAPLUS  
 CN 1H-Imidazole, 4-chloro-5-(4-ethoxy-3-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

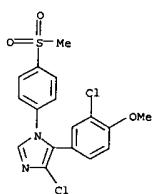


RN 361486-06-8 CAPLUS  
 CN 1H-Imidazole, 4-chloro-5-(3,5-difluorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

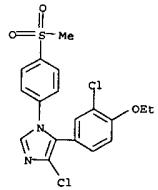


RN 361486-07-9 CAPLUS  
 CN 1H-Imidazole, 4-chloro-5-(3-chloro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

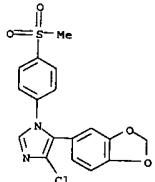
L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



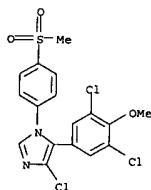
RN 361486-08-0 CAPLUS  
 CN 1H-Imidazole, 4-chloro-5-(3-chloro-4-ethoxyphenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



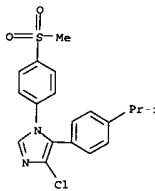
RN 361486-09-1 CAPLUS  
 CN 1H-Imidazole, 5-(1,3-benzodioxol-5-yl)-4-chloro-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
 RN 361486-10-4 CAPLUS  
 CN 1H-Imidazole, 4-chloro-5-(3,5-dichloro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



RN 361486-11-5 CAPLUS  
 CN 1H-Imidazole, 4-chloro-5-(4-(1-methylethyl)phenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

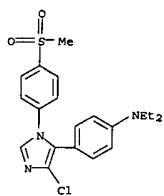


RN 361486-12-6 CAPLUS  
 CN Benzenamine, 4-[4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]- N,N-diethyl- (9CI) (CA INDEX NAME)

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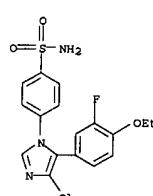
09894798

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

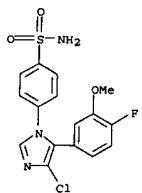


RN 361486-13-7 CAPLUS  
CN Benzenesulfonamide,  
4-[4-chloro-5-(4-fluoro-3-methoxyphenyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

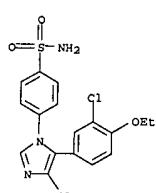
L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 361486-15-9 CAPLUS  
CN Benzenesulfonamide,  
4-[4-chloro-5-(3-chloro-4-ethoxyphenyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

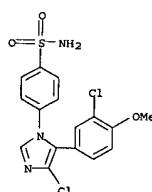


RN 361486-14-8 CAPLUS  
CN Benzenesulfonamide,  
4-[4-chloro-5-(4-ethoxy-3-fluorophenyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



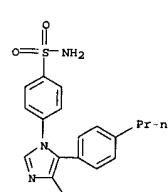
RN 361486-16-0 CAPLUS  
CN Benzenesulfonamide,  
4-[4-chloro-5-(3-chloro-4-methoxyphenyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

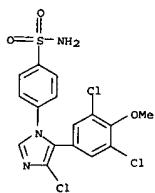


RN 361486-17-1 CAPLUS  
CN Benzenesulfonamide, 4-[4-chloro-5-(3,5-dichloro-4-methoxyphenyl)-1H-imidazol-1-yl]-, monohydrochloride (9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

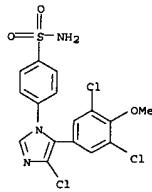


RN 361486-19-3 CAPLUS  
CN Benzenesulfonamide, 4-[4-chloro-5-(3,5-dichloro-4-methoxyphenyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



● HCl

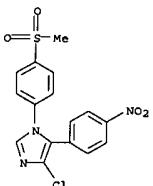
RN 361486-18-2 CAPLUS  
CN Benzenesulfonamide, 4-[4-chloro-5-(4-propylphenyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



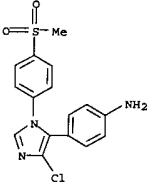
IT 265113-99-3P 265114-29-2P 361486-21-7P  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(prepn. of imidazole derivs. having antiinflammatory  
activity)  
RN 265113-99-3 CAPLUS  
CN 1H-Imidazole, 4-chloro-1-[4-(methylsulfonyl)phenyl]-5-(4-nitrophenyl)-  
(9CI) (CA INDEX NAME)

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L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

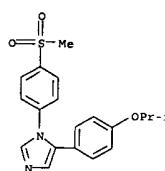


RN 265114-29-2 CAPLUS  
CN Benzenamine, 4-[4-chloro-1-[4-(methylsulfonyl)phenyl]-1H-imidazol-5-yl]-  
(9CI) (CA INDEX NAME)



RN 361486-21-7 CAPLUS  
CN 1H-Imidazole, 5-[4-(1-methylethoxy)phenyl]-1-[4-(methylsulfonyl)phenyl]-  
(9CI) (CA INDEX NAME)

L5 ANSWER 3 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS  
FORMAT RECORD. ALL CITATIONS AVAILABLE IN THE RE

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2001:648842 CAPLUS  
DOCUMENT NUMBER: 135:366318

TITLE: Three-Dimensional Quantitative Structure-Activity Relationships of Cyclo-oxygenase-2 (COX-2)

Inhibitors:

AUTHOR(S): Chavatte, Philippe; Yous, Saeid; Marot, Christophe;  
Bourin, Nicolas; Lesieur, Daniel  
CORPORATE SOURCE: Institut de Chimie Pharmaceutique Albert Lespagnol,  
Université de Lille 2, Lille, F-59006, Fr.  
SOURCE: Journal of Medicinal Chemistry (2001), 44(20),  
3223-3230

PUBLISHER: GMCMAR; ISSN: 0022-2623  
DOCUMENT TYPE: Journal

LANGUAGE: English

AB The three-dimensional quant. structure-activity relation (3D-QSAR) approach using comparative mol. field anal. (CoMFA) was applied to an extensive series of 305 varied diarylheterocyclic derivs. known as COX-2 selective inhibitors. X-ray crystal structure of COX-2 bound with SC-558, a selective COX-2 inhibitor, was used to derive the putative bioactive conformation of these inhibitors. Five statistically significant models were obtained from the randomly constituted training sets (229 compds.) and subsequently validated with the corresponding test sets (76 compds.). The best predictive model ( $n = 229$ ,  $q^2 = 0.714$ ,  $N = 8$ ,  $R^2 = 0.905$ ,  $F = 0.21$ ,  $F = 261.545$ ) was selected for further comparison of the CoMFA contour maps obtained for steric, electrostatic, and lipophilic fields with the enzyme structure. The high level of compatibility with the COX-2

enzyme topol. shows the great accuracy of this model that can predict inhibitory activities for a wide range of compds. and offers important structural insight into designing novel antiinflammatory drugs prior to their synthesis.

IT 177660-51-4 177660-54-8  
177660-65-0 177660-66-1 177660-67-2  
177660-71-8, 1H-Imidazole, 2-(4-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- 177660-72-9  
177660-73-0 177660-75-2 177660-76-3,

Benzenesulfonamide,

4-(2-(3-chloro-4-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl)- 177660-77-4 177660-78-5  
177660-80-9, Pyridine, 2-methyl-5-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- 177660-81-0  
177660-82-1 177660-83-2 177660-84-3  
177660-85-4 177660-86-5 177660-88-7  
177660-89-8 177660-90-1 177660-92-3  
177660-93-4 177660-94-5 177660-95-6  
177660-96-7 177660-99-0 177661-00-6  
177661-01-7 177661-02-2 177661-03-9  
177661-04-0 177661-05-1 177661-06-2  
177661-07-3 177661-08-1 177661-10-8  
177661-11-9 177661-12-1 177661-13-1  
177661-14-2 177661-15-1 177661-17-5  
177661-18-6 177661-19-7 177661-20-0  
177661-21-1 177661-22-2 177661-23-3  
177661-25-5 177661-26-6 177661-27-7  
177661-28-8 177661-29-9, 1H-Imidazole,  
2-(4-chloro-3-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- 177661-30-2 177661-31-3

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

177661-32-4 177661-33-5 177661-35-7  
177661-36-8, 1H-Imidazole, 2-(2-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- 177661-37-9

177661-38-0 177661-39-1 177661-40-4  
177661-42-6 177661-43-7 177661-45-9

177661-46-0 177661-47-1 177661-48-2  
177661-49-3 177661-50-0 177661-51-7

177661-54-0 177661-67-5 177661-70-0  
177661-71-1 177661-74-5 177661-75-5

177661-76-6 177661-77-7, 1H-Imidazole,  
2-(4-chlorophenyl)-4-(fluoromethyl)-1-[4-(methylsulfonyl)phenyl]-

177661-79-9 177661-87-9 177661-88-0  
177661-92-6 177662-05-3 177662-21-4

189295-87-2 189295-88-3, Benzenesulfonamide,  
4-[2-(2-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]-

189628-19-1 189628-20-0 189628-21-5  
189628-25-9 189628-26-0 194467-33-9  
194467-35-1 194467-36-2 194467-37-3  
194467-38-4, Quinoline, 3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- 194467-39-5  
194467-40-8 194467-41-9 194467-42-0  
194467-60-2 194467-62-4 194467-63-5  
298204-68-9 298204-69-0 298204-70-3  
298204-71-4 374591-13-6

RL: BAC (Biological activity or effector, except adverse); BSU

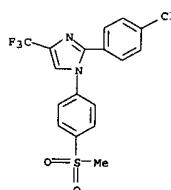
(Biological study, unclassified); BIOL (Biological study)

(three-dimensional quant. structure-activity relationships of

cyclo-oxygenase-2 (COX-2) inhibitors: a comparative mol. field anal.)

RN 177660-51-4 CAPLUS

CN 1H-Imidazole, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

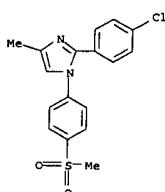


RN 177660-54-7 CAPLUS  
CN 1H-Imidazole, 2-(4-chlorophenyl)-4-methyl-1-[4-(methylsulfonyl)phenyl]-  
(9CI) (CA INDEX NAME)

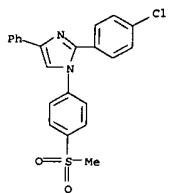
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

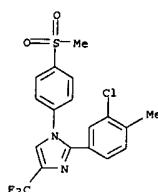


RN 177660-55-8 CAPLUS  
CN 1H-Imidazole, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-phenyl- (9CI) (CA INDEX NAME)

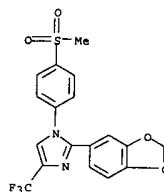


RN 177660-65-0 CAPLUS  
CN 1H-Imidazole, 2-(3-chloro-4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4- (trifluoromethyl)- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

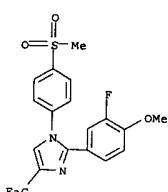


RN 177660-66-1 CAPLUS  
CN 1H-Imidazole, 2-(1,3-benzodioxol-5-yl)-1-[4-(methylsulfonyl)phenyl]-4- (trifluoromethyl)- (9CI) (CA INDEX NAME)

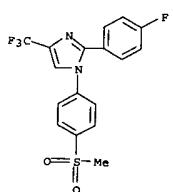


RN 177660-67-2 CAPLUS  
CN 1H-Imidazole, 2-(3-fluoro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4- (trifluoromethyl)- (9CI) (CA INDEX NAME)

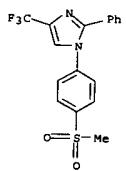
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177660-71-8 CAPLUS  
CN 1H-Imidazole, 2-(4-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]-4- (trifluoromethyl)- (9CI) (CA INDEX NAME)

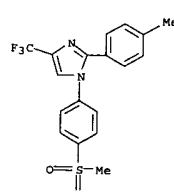


RN 177660-72-9 CAPLUS  
CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-2-phenyl-4- (trifluoromethyl)- (9CI) (CA INDEX NAME)

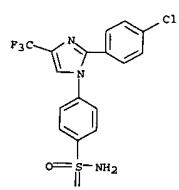


RN 177660-73-0 CAPLUS  
CN 1H-Imidazole, 2-(4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



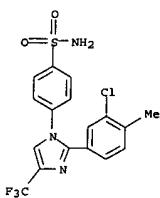
RN 177660-75-2 CAPLUS  
CN Benzenesulfonamide, 4-[2-(4-chlorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



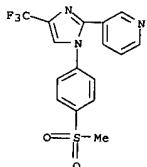
RN 177660-76-3 CAPLUS  
CN Benzenesulfonamide, 4-[2-(3-chloro-4-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

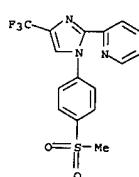


RN 177660-77-4 CAPLUS  
CN Pyridine,  
3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

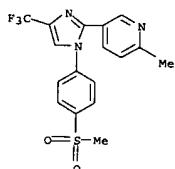


RN 177660-78-5 CAPLUS  
CN Pyridine,  
2-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

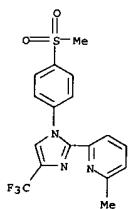


RN 177660-80-9 CAPLUS  
CN Pyridine,  
2-methyl-5-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

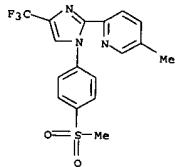


RN 177660-81-0 CAPLUS  
CN Pyridine,  
2-methyl-6-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

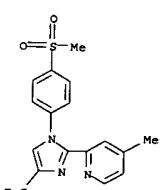
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177660-82-1 CAPLUS  
CN Pyridine,  
5-methyl-2-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

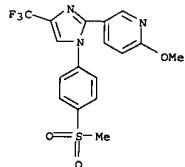


RN 177660-83-2 CAPLUS  
CN Pyridine,  
4-methyl-2-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

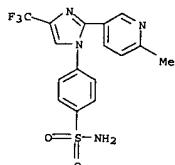


L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 177660-84-3 CAPLUS  
CN Pyridine,  
2-methoxy-5-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)



RN 177660-85-4 CAPLUS  
CN Benzenesulfonamide, 4-[2-(6-methyl-3-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

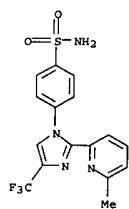


RN 177660-86-5 CAPLUS  
CN Benzenesulfonamide, 4-[2-(6-methyl-2-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

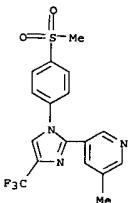
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

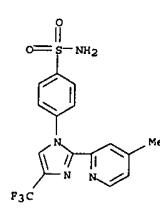


RN 177660-88-7 CAPLUS  
CN Pyridine,  
3-methyl-5-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

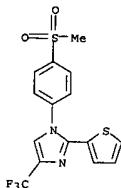


RN 177660-89-8 CAPLUS  
CN Benzenesulfonamide, 4-[2-(4-methyl-2-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

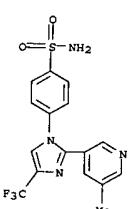


RN 177660-90-1 CAPLUS  
CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-2-(2-thienyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

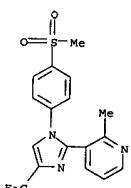


RN 177660-92-3 CAPLUS  
CN Benzenesulfonamide, 4-[2-(5-methyl-3-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

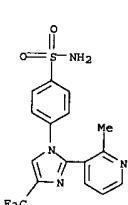


RN 177660-93-4 CAPLUS  
CN Pyridine,  
2-methyl-3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

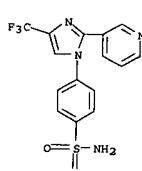


RN 177660-94-5 CAPLUS  
CN Benzenesulfonamide, 4-[2-(2-methyl-3-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

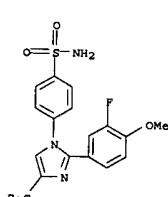
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177660-95-6 CAPLUS  
CN Benzenesulfonamide, 4-[2-(3-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



RN 177660-98-9 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-fluoro-4-methoxyphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

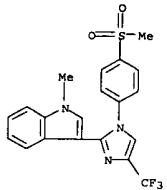


RN 177660-99-0 CAPLUS

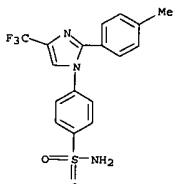
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
CN 1H-Indole,  
1-methyl-3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

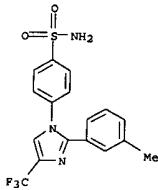


RN 177661-00-6 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(4-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

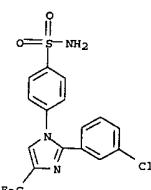


RN 177661-01-7 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

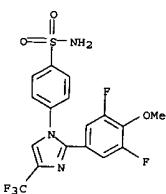


RN 177661-02-8 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-chlorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

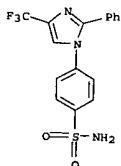


RN 177661-03-9 CAPLUS  
CN Benzenesulfonamide, 4-[2-(3,5-difluoro-4-methoxyphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

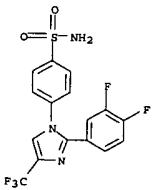
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-04-0 CAPLUS  
CN Benzenesulfonamide, 4-[2-phenyl-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

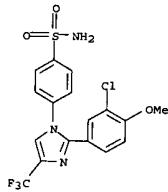


RN 177661-05-1 CAPLUS  
CN Benzenesulfonamide, 4-[2-(3,4-difluorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

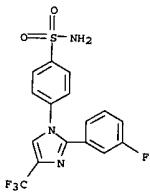


RN 177661-06-2 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-chloro-4-methoxyphenyl)-4-(trifluoromethyl)-1H-

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-07-3 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-fluorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

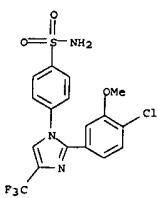


RN 177661-08-4 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(4-chloro-3-methoxyphenyl)-4-(trifluoromethyl)-1H-

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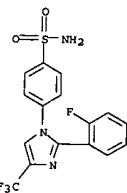
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

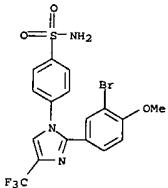


RN 177661-10-8 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-bromo-4-methoxyphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

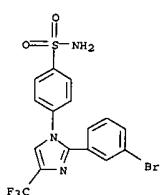
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-12-0 CAPLUS  
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4-[2-(3-bromo-4-fluorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

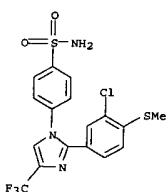


RN 177661-11-9 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(2-fluorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



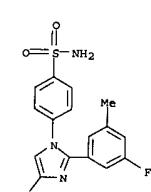
RN 177661-13-1 CAPLUS  
CN Benzenesulfonamide, 4-[2-[3-chloro-4-(methylthio)phenyl]-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

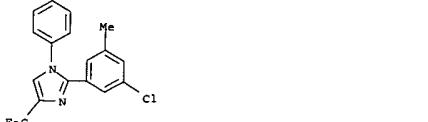


RN 177661-14-2 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-chloro-5-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

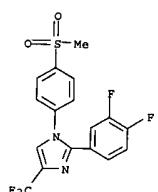
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



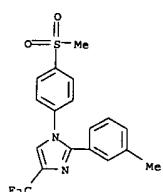
RN 177661-17-5 CAPLUS  
CN 1H-Imidazole, 2-(3,4-difluorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 177661-15-3 CAPLUS  
CN Benzenesulfonamide,  
4-[2-(3-fluoro-5-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



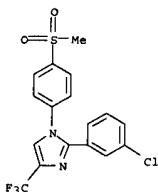
RN 177661-18-6 CAPLUS  
CN 1H-Imidazole, 2-(3-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



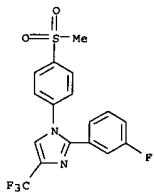
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
RN 177661-19-7 CAPLUS  
CN 1H-Imidazole, 2-(3-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

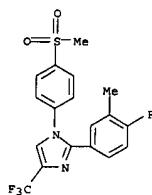


RN 177661-20-0 CAPLUS  
CN 1H-Imidazole, 2-(3-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

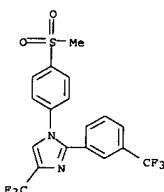


RN 177661-21-1 CAPLUS  
CN 1H-Imidazole, 2-(4-fluoro-3-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

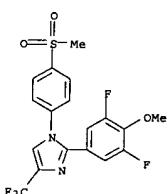


RN 177661-22-2 CAPLUS  
CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-2-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

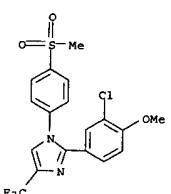


RN 177661-23-3 CAPLUS  
CN 1H-Imidazole, 2-(3,5-difluoro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

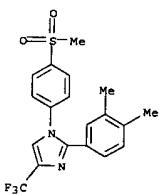
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-25-5 CAPLUS  
CN 1H-Imidazole, 2-(3-chloro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

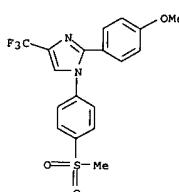


RN 177661-26-6 CAPLUS  
CN 1H-Imidazole, 2-(3,4-dimethylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

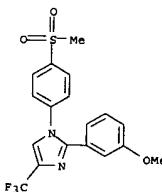


L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 177661-27-7 CAPLUS  
CN 1H-Imidazole, 2-(4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 177661-28-8 CAPLUS  
CN 1H-Imidazole, 2-(3-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

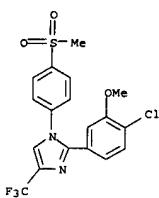


RN 177661-29-9 CAPLUS  
CN 1H-Imidazole, 2-(4-chloro-3-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

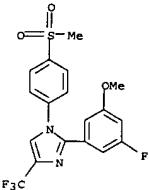
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LS ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

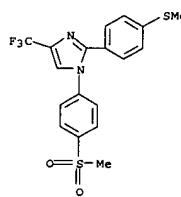


RN 177661-30-2 CAPLUS  
CN 1H-Imidazole, 2-(3-fluoro-5-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

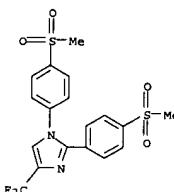


RN 177661-31-3 CAPLUS  
CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-2-[4-(methylthio)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

LS ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

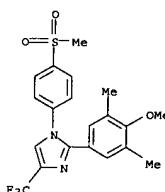


RN 177661-32-4 CAPLUS  
CN 1H-Imidazole, 1,2-bis[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

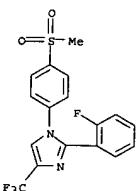


RN 177661-33-5 CAPLUS  
CN 1H-Imidazole, 2-(4-methoxy-3,5-dimethylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

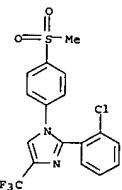
LS ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



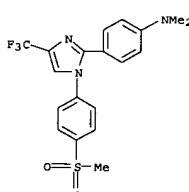
RN 177661-35-7 CAPLUS  
CN 1H-Imidazole, 2-(2-fluorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



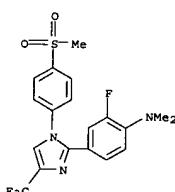
RN 177661-36-8 CAPLUS  
CN 1H-Imidazole, 2-(2-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



LS ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
RN 177661-37-9 CAPLUS  
CN Benzenamine, N,N-dimethyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)



RN 177661-38-0 CAPLUS  
CN Benzenamine, 2-fluoro-N,N-dimethyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

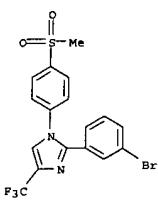


RN 177661-39-1 CAPLUS  
CN 1H-Imidazole, 2-(3-bromophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

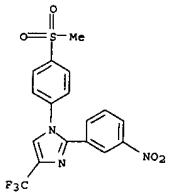
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

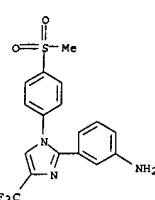


RN 177661-40-4 CAPLUS  
CN 1H-imidazole, 1-[4-(methylsulfonyl)phenyl]-2-(3-nitrophenyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

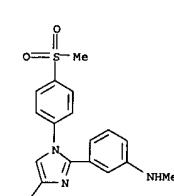


RN 177661-42-6 CAPLUS  
CN Benzenamine, 3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

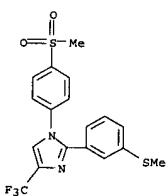


RN 177661-43-7 CAPLUS  
CN Benzenamine, N-methyl-3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

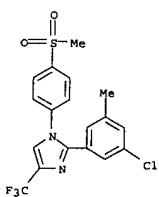


RN 177661-45-9 CAPLUS  
CN 1H-Imidazole, 1-[4-(methylsulfonyl)phenyl]-2-(3-(methylthio)phenyl)-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

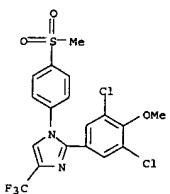
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177661-46-0 CAPLUS  
CN 1H-Imidazole, 2-(3-chloro-5-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

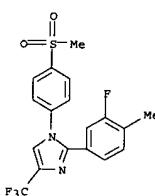


RN 177661-47-1 CAPLUS  
CN 1H-Imidazole, 2-(3,5-dichloro-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

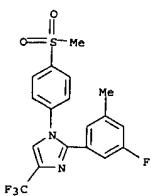


L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 177661-48-2 CAPLUS  
CN 1H-Imidazole, 2-(3-fluoro-4-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 177661-49-3 CAPLUS  
CN 1H-Imidazole, 2-(3-fluoro-5-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

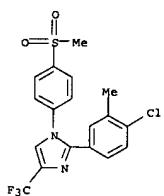


RN 177661-50-6 CAPLUS  
CN 1H-Imidazole, 2-(4-chloro-3-methylphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

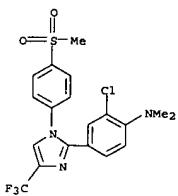
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

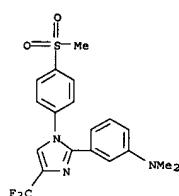


RN 177661-51-7 CAPLUS  
CN Benzenamine, 2-chloro-N,N-dimethyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

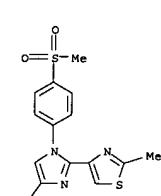


RN 177661-54-0 CAPLUS  
CN Benzenamine, N,N-dimethyl-3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

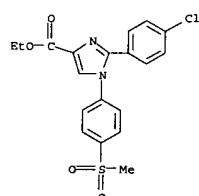


RN 177661-67-5 CAPLUS  
CN Thiazole, 2-methyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

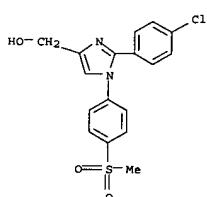


RN 177661-70-0 CAPLUS  
CN 1H-Imidazole-4-carboxylic acid, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-, ethyl ester (9CI) (CA INDEX NAME)

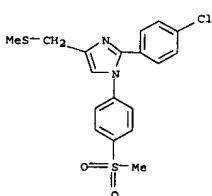
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



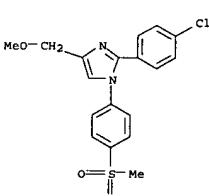
RN 177661-71-1 CAPLUS  
CN 1H-Imidazole-4-methanol, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



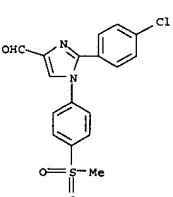
RN 177661-74-4 CAPLUS  
CN 1H-Imidazole, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-[(methylthio)methyl]- (9CI) (CA INDEX NAME)



L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
RN 177661-75-5 CAPLUS  
CN 1H-Imidazole, 2-(4-chlorophenyl)-4-(methoxymethyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



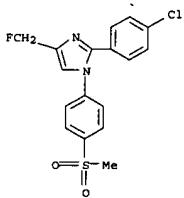
RN 177661-76-6 CAPLUS  
CN 1H-Imidazole-4-carboxaldehyde, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)



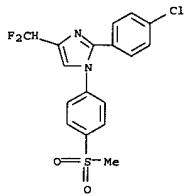
RN 177661-77-7 CAPLUS  
CN 1H-Imidazole, 2-(4-chlorophenyl)-4-(fluoromethyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

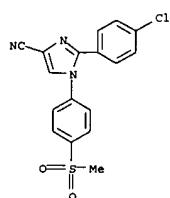


RN 177661-79-9 CAPLUS  
CN 1H-Imidazole, 2-(4-chlorophenyl)-4-(difluoromethyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

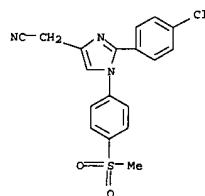


RN 177661-87-9 CAPLUS  
CN 1H-Imidazole-4-carbonitrile, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

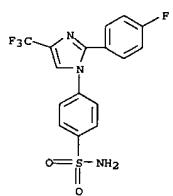


RN 177661-88-0 CAPLUS  
CN 1H-Imidazole-4-acetonitrile, 2-(4-chlorophenyl)-1-[4-(methylsulfonyl)phenyl]- (9CI) (CA INDEX NAME)

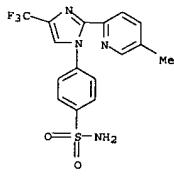


RN 177661-92-6 CAPLUS  
CN Benzenesulfonamide, 4-[2-(4-fluorophenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

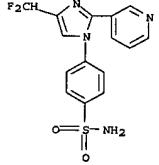
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 177662-05-4 CAPLUS  
CN Benzenesulfonamide, 4-[2-(5-methyl-2-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

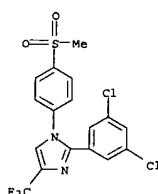


RN 177662-21-4 CAPLUS  
CN Benzenesulfonamide, 4-[4-(difluoromethyl)-2-(3-pyridinyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

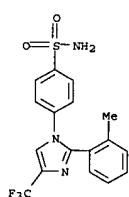


RN 189295-87-2 CAPLUS  
CN 1H-Imidazole, 2-(3,5-dichlorophenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

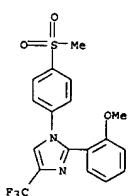
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 189295-88-3 CAPLUS  
CN Benzenesulfonamide, 4-[2-(2-methylphenyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



RN 189628-19-1 CAPLUS  
CN 1H-Imidazole, 2-(2-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

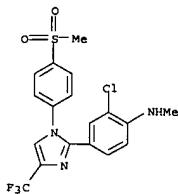


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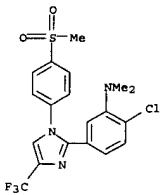
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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 189628-20-4 CAPLUS  
CN Benzenamine, 2-chloro-N-methyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl] - (9CI) (CA INDEX NAME)

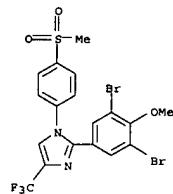


RN 189628-21-5 CAPLUS  
CN Benzenamine, 2-chloro-N,N-dimethyl-5-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl] - (9CI) (CA INDEX NAME)

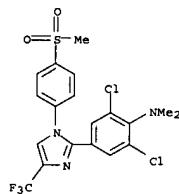


RN 189628-25-9 CAPLUS  
CN 1H-Imidazole,  
2-(3,5-dibromo-4-methoxyphenyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



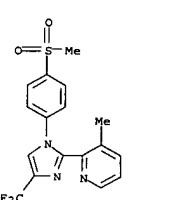
RN 189628-26-0 CAPLUS  
CN Benzenamine, 2,6-dichloro-N,N-dimethyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl] - (9CI) (CA INDEX NAME)



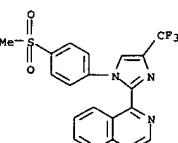
RN 194467-33-9 CAPLUS  
CN Benzenesulfonamide, 4-[2-(2-methyl-4-thiazolyl)-4-(trifluoromethyl)-1H-imidazol-1-yl] - (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

RN 194467-35-1 CAPLUS  
CN Pyridine,  
3-methyl-2-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl] - (9CI) (CA INDEX NAME)

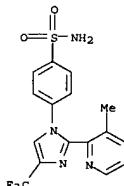


RN 194467-36-2 CAPLUS  
CN Isoquinoline, 1-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl] - (9CI) (CA INDEX NAME)

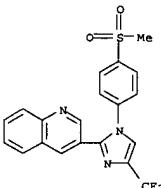


RN 194467-37-3 CAPLUS  
CN Benzenesulfonamide, 4-[2-(3-methyl-2-pyridinyl)-4-(trifluoromethyl)-1H-

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)  
imidazol-1-yl] - (9CI) (CA INDEX NAME)



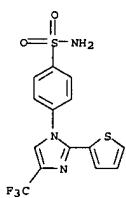
RN 194467-38-4 CAPLUS  
CN Quinoline,  
3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl] - (9CI) (CA INDEX NAME)



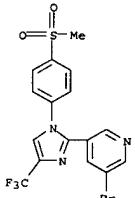
RN 194467-39-5 CAPLUS  
CN Benzenesulfonamide,  
4-(2-thienyl)-4-(trifluoromethyl)-1H-imidazol-1-yl] - (9CI) (CA INDEX NAME)

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L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

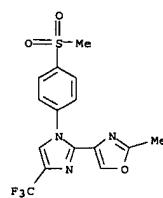


RN 194467-40-8 CAPLUS  
CN Pyridine, 3-bromo-5-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

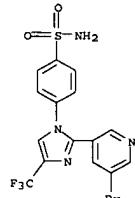


RN 194467-41-9 CAPLUS  
CN Oxazole, 2-methyl-4-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

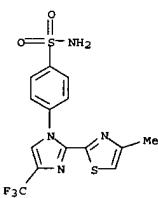


RN 194467-42-0 CAPLUS  
CN Benzenesulfonamide, 4-[2-(5-bromo-3-pyridinyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

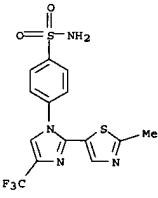


RN 194467-60-2 CAPLUS  
CN Benzenesulfonamide, 4-[2-(4-methyl-2-thiazolyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

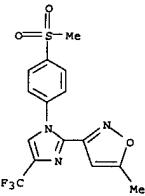
L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)



RN 194467-62-4 CAPLUS  
CN Benzenesulfonamide, 4-[2-(2-methyl-5-thiazolyl)-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)

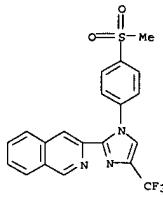


RN 194467-63-5 CAPLUS  
CN Isoxazole, 5-methyl-3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-2-yl]- (9CI) (CA INDEX NAME)

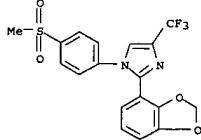


L5 ANSWER 4 OF 56 CAPLUS COPYRIGHT 2002 ACS (Continued)

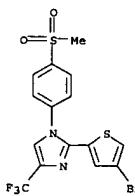
RN 298204-68-9 CAPLUS  
CN Isoquinoline, 3-[1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)-1H-imidazol-1-yl]- (9CI) (CA INDEX NAME)



RN 298204-69-0 CAPLUS  
CN 1H-Imidazole, 2-(1,3-benzodioxol-4-yl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



RN 298204-70-3 CAPLUS  
CN 1H-Imidazole, 2-(4-bromo-2-thienyl)-1-[4-(methylsulfonyl)phenyl]-4-(trifluoromethyl)- (9CI) (CA INDEX NAME)



Kamal Saeed